



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Walter A. Zohmann

Serial No.

Filed : Concurrently

Attorney Docket: 1234.001

For: ATRAUMATIC NEEDLE FOR LUMBAR
PUNCTURE

Sept. 11, 1995

Pre Amend/B
K. Turner
11-22-95
P.# 3

Hon. Commissioner of Patents & Trademarks
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination, kindly amend the captioned application as follows:

IN THE CLAIMS:

Please cancel claim 1 and add the following new claims:

~~16.~~ A needle for insertion into a spine, the spine having a dura mater and a cerebrospinal fluid filled space below the dura matter, said needle comprising:

an elongated hollow needle having a lumen,

B
a side port, said side port being an opening from said lumen to the outside of said needle, said side port occupying a sufficiently small distance along the axial length of said needle such that said needle can be inserted into the spine with said side port located in said cerebrospinal space but not overlapping the dura mater.